

# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

RD-  
29414



## FUSED QUARTZ ARTICLE HAVING CONTROLLED DEVITRIFICATION

First Named Inventor: Thomas Francis McNultry

### SUBMITTED BY

Name:	Robert P. Santandrea
Registration Number:	45,072
Electronic Signature Mark: RPS	Date Signed: 20020510

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	DEC1.tif
declaration	DEC2.tif
declaration	DEC3.tif
patent-assignments	SANTANDREARD29414asgn.xml

**specification**

29414SPEC.xml

**Attached Image File(s):**

DEC1.tif

DEC2.tif

DEC3.tif

	..M	..N	..O	..P	..Q	..R	..S	..T	..U	..V	..W	..X	..Y	..Z	..AA	..AB	..AC	..AD	..AE	..AF	..AG	..AH	..AI	..AJ	..AK	..AL	..AM	..AN	..AO	..AP	..AQ	..AR	..AS	..AT	..AU	..AV	..AW	..AX	..AY	..AZ	..BA	..BB	..BC	..BD	..BE	..BF	..BG	..BH	..BI	..BJ	..BK	..BL	..BM	..BN	..BO	..BP	..BQ	..BR	..BS	..BT	..BU	..BV	..BW	..BX	..BY	..BZ	..CA	..CB	..CC	..CD	..CE	..CF	..CG	..CH	..CI	..CJ	..CK	..CL	..CM	..CN	..CO	..CP	..CQ	..CR	..CS	..CT	..CU	..CV	..CW	..CX	..CY	..CZ	..DA	..DB	..DC	..DD	..DE	..DF	..DG	..DH	..DI	..DJ	..DK	..DL	..DM	..DN	..DO	..DP	..DQ	..DR	..DS	..DT	..DU	..DV	..DW	..DX	..DY	..DZ	..EA	..EB	..EC	..ED	..EE	..EF	..EG	..EH	..EI	..EJ	..EK	..EL	..EM	..EN	..EO	..EP	..EQ	..ER	..ES	..ET	..EU	..EV	..EW	..EX	..EY	..EZ	..FA	..FB	..FC	..FD	..FE	..FF	..FG	..FH	..FI	..FJ	..FK	..FL	..FM	..FN	..FO	..FP	..FQ	..FR	..FS	..FT	..FU	..FV	..FW	..FX	..FY	..FZ	..GA	..GB	..GC	..GD	..GE	..GF	..GG	..GH	..GI	..GJ	..GK	..GL	..GM	..GN	..GO	..GP	..GQ	..GR	..GS	..GT	..GU	..GV	..GW	..GX	..GY	..GZ	..HA	..HB	..HC	..HD	..HE	..HF	..HG	..HH	..HI	..HJ	..HK	..HL	..HM	..HN	..HO	..HP	..HQ	..HR	..HS	..HT	..HU	..HV	..HW	..HX	..HY	..HZ	..IA	..IB	..IC	..ID	..IE	..IF	..IG	..IH	..II	..IJ	..IK	..IL	..IM	..IN	..IO	..IP	..IQ	..IR	..IS	..IT	..IU	..IV	..IW	..IX	..IY	..IZ	..JA	..JB	..JC	..JD	..JE	..JF	..JG	..JH	..JI	..JJ	..JK	..JL	..JM	..JN	..JO	..JP	..JQ	..JR	..JS	..JT	..JU	..JV	..JW	..JX	..JY	..JZ	..KA	..KB	..KC	..KD	..KE	..KF	..KG	..KH	..KI	..KJ	..KK	..KL	..KM	..KN	..KO	..KP	..KQ	..KR	..KS	..KT	..KU	..KV	..KW	..KX	..KY	..KZ	..LA	..LB	..LC	..LD	..LE	..LF	..LG	..LH	..LI	..LJ	..LK	..LL	..LM	..LN	..LO	..LP	..LQ	..LR	..LS	..LT	..LU	..LV	..LW	..LX	..LY	..LZ	..MA	..MB	..MC	..MD	..ME	..MF	..MG	..MH	..MI	..MJ	..MK	..ML	..MM	..MN	..MO	..MP	..MQ	..MR	..MS	..MT	..MU	..MV	..MW	..MX	..MY	..MZ	..NA	..NB	..NC	..ND	..NE	..NF	..NG	..NH	..NI	..NJ	..NK	..NL	..NM	..NO	..NP	..NQ	..NR	..NS	..NT	..NU	..NV	..NW	..NX	..NY	..NZ	..OA	..OB	..OC	..OD	..OE	..OF	..OG	..OH	..OI	..OJ	..OK	..OL	..OM	..ON	..OO	..OP	..OQ	..OR	..OS	..OT	..OU	..OV	..OW	..OX	..OY	..OZ	..PA	..PB	..PC	..PD	..PE	..PF	..PG	..PH	..PI	..PJ	..PK	..PL	..PM	..PN	..PO	..PP	..PQ	..PR	..PS	..PT	..PU	..PV	..PW	..PX	..PY	..PZ	..QA	..QB	..QC	..QD	..QE	..QF	..QG	..QH	..QI	..QJ	..QK	..QL	..QM	..QN	..QO	..QP	..QQ	..QR	..QS	..QT	..QU	..QV	..QW	..QX	..QY	..QZ	..RA	..RB	..RC	..RD	..RE	..RF	..RG	..RH	..RI	..RJ	..RK	..RL	..RM	..RN	..RO	..RP	..RQ	..RR	..RS	..RT	..RU	..RV	..RW	..RX	..RY	..RZ	..SA	..SB	..SC	..SD	..SE	..SF	..SG	..SH	..SI	..SJ	..SK	..SL	..SM	..SN	..SO	..SP	..SQ	..SR	..SS	..ST	..SU	..SV	..SW	..SX	..SY	..SZ	..TA	..TB	..TC	..TD	..TE	..TF	..TG	..TH	..TI	..TJ	..TK	..TL	..TM	..TN	..TO	..TP	..TQ	..TR	..TS	..TT	..TU	..TV	..TW	..TX	..TY	..TZ	..UA	..UB	..UC	..UD	..UE	..UF	..UG	..UH	..UI	..UJ	..UK	..UL	..UM	..UN	..UO	..UP	..UQ	..UR	..US	..UT	..UU	..UV	..UW	..UX	..UY	..UZ	..VA	..VB	..VC	..VD	..VE	..VF	..VG	..VH	..VI	..VJ	..VK	..VL	..VM	..VN	..
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	----

**Comments:**

[illegible]

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1596**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 07-0868



Deposit Account Name: Global Research Center-General Electric Company

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Robert P. Santandrea  
Electronic Signature Mark: RPS  
Date Signed: 20020510

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 56	103	\$ 18	36	\$ 648

Independent Claims: 5	102	\$ 84	2	\$ 168
-----------------------	-----	-------	---	--------

Subtotal For Extra Claims Fees: \$ 816

#### ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40

10063754

**Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only**

EFS ID:	15176
Application ID:	10063754
Title of Invention:	FUSED QUARTZ ARTICLE HAVING CONTROLLED DEVITRIFICATION
First Named Inventor:	Thomas McNultry
Domestic/Foreign Application:	Domestic Application
Filing Date:	null
Effective Receipt Date:	2002-05-10
Submission Type:	Utility Patent Filing
Filing Type:	new-utility
Confirmation Number:	0
Attorney Docket Number:	RD-29414
Digital Certificate Holder:	cn=Robert P. Santandrea, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest:	IXvdWhum2iTaOV5VTjDp0Q==
Total Fees Authorized:	\$1596.0
Payment Category:	DA - Deposit Account
Deposit Account Number:	70868
Deposit Account Name:	Robert P. Santandrea

